

Amendments to the Abstract:

ABSTRACT

SIGNAL SAMPLE ACQUISITION TECHNIQUES

A ~~S~~sample acquisition apparatus for sampling first and second signals within a signal processing arrangement, said apparatus ~~comprising~~includes a sampler for capturing sections of the waveforms of both the first and second signals, a switch for alternating correction of the sampler to a point in the arrangement where said first signal can be sampled and a point in said arrangement where said second signal can be sampled, and ~~a~~A timer for timing the operation of the switch to causes the sampler to capture a first waveform section of ~~said~~the first signal and a second waveform section of ~~said~~the second signal, wherein ~~said~~the second signal is responsive to ~~said~~the first signal and the timing of ~~said~~the switch is such that ~~said~~the second section ~~comprises~~includes a portion that has been generated in response to ~~said~~the first section.